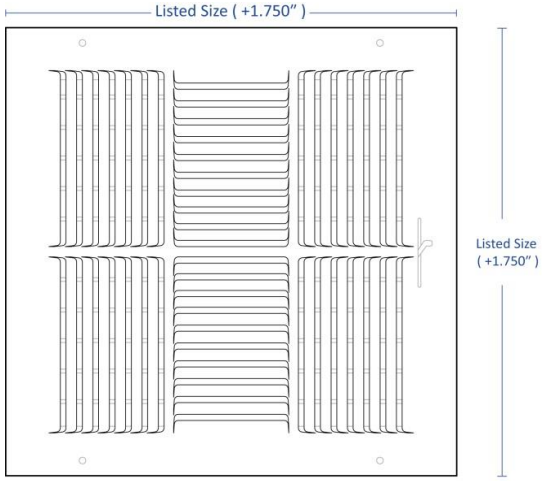
Submittal and Drawing: Model 104

Submitted by: _____

Date: _____

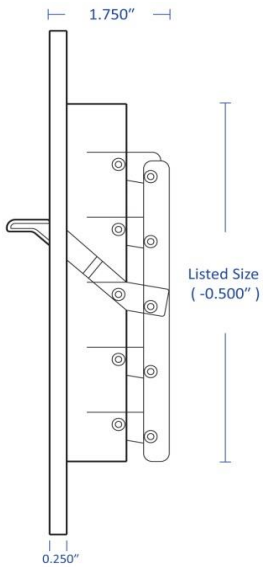
Stamped Face Supply | Ceiling | **Model:**



Available Options

- ☐ Multi-shutter Damper
- ☐ Opposed Blade Damper

Multi-Shutter Damper



Opposed Blade Damper

Model Features

Stamped 4 way pattern

1/2″ fin spacing

Durable white powder coat finish

Material: Steel

Face: Stamped

Model Size: [ ]

Project Name: _____ Architect: _____

Project Location: _____ Engineer: _____

Contractor: _____

T.A. Industries, Inc. 11335 Greenstone Ave
Santa Fe Springs, CA 90670

Tel. 562-466-1000
Fax. 562-466-1010

truaire.com
mytruairehome.com

TRUaire REGISTERS & GRILLES

Performance Data

104M Wall/Ceiling Register

Face Jet Velocity			300	400	500	600	700	800	900	1000
Total Pressure Loss			0.007	0.011	0.017	0.023	0.032	0.042	0.053	0.064
Size	Free Area									
6x6	**13**	**CFM**	**30**	**40**	**50**	**65**	**75**	**85**	**95**	**105**
		Throw	3	3.5	4	5..5	6	7	8	9
		NC	<20	20	25	25	30	30	35	35
8x4	**19**	**CFM**	**25**	35	**45**	**55**	**65**	**70**	**80**	**90**
		Throw	3	4	5	6	7	7	8	10
		NC	<20	20	25	25	30	30	35	35
8X6	**30**	**CFM**	**40**	**55**	**70**	**85**	**100**	**110**	**125**	**140**
		Throw	3	5	6	7	8	9	10	12
		NC	<20	20	25	25	30	30	35	35
8x8	**37**	**CFM**	**60**	**80**	**100**	**120**	**140**	**160**	**180**	**200**
		Throw	4	6	7	8	10	11	13	14
		NC	<20	20	25	25	30	30	35	40
10x4	**24**	**CFM**	**35**	**45**	**60**	**70**	**80**	**90**	**105**	**115**
		Throw	4	5	6	7	8	9	11	12
		NC	<20	20	25	25	30	30	35	40
10x6	**38**	**CFM**	**55**	**75**	**95**	**110**	**130**	**150**	**165**	**185**
		Throw	4	6	8	9	11	12	14	15
		NC	<20	20	25	25	30	30	35	40
10x8	**44**	**CFM**	**90**	**120**	**150**	**180**	**210**	**235**	**255**	**295**
		Throw	5	7	10	12	14	15	18	20
		NC	<20	20	25	25	30	30	35	40
10x10	**61**	**CFM**	**95**	**125**	**155**	**185**	**215**	**250**	**280**	**310**
		Throw	6	8	10	12	14	16	18	20
		NC	<20	20	25	25	30	35	35	40
12x4	**30**	**CFM**	**40**	**55**	**70**	**85**	**100**	**110**	**125**	**140**
		Throw	3	3.5	4	5	6	7	7	8
		NC	<20	20	25	25	30	35	35	40
12x6	**47**	**CFM**	**70**	**90**	**115**	**135**	**160**	**180**	**205**	**225**
		Throw	4	6	8	9	11	12	14	15
		NC	<20	20	25	30	35	35	35	40
12x8	**55**	**CFM**	**95**	**130**	**160**	**190**	**225**	**255**	**290**	**320**
		Throw	5	7	9	11	13	15	17	19
		NC	<20	20	25	30	35	35	40	40
12x12	**91**	**CFM**	**140**	**190**	**235**	**280**	**330**	**375**	**425**	**470**
		Throw	7	10	13	15	18	20	23	24
		NC	<20	25	25	30	30	35	35	40
14x4	**35**	**CFM**	**55**	**75**	**95**	**110**	**130**	**150**	**165**	**185**
		Throw	4	6	8	9	11	12	14	15
		NC	<20	20	25	25	30	35	35	40
14x6	**56**	**CFM**	**85**	**115**	**145**	**175**	**205**	**230**	**250**	**290**
		Throw	5	7	10	12	14	15	18	20
		NC	<20	20	25	30	35	35	35	40
14x8	**66**	**CFM**	**115**	**155**	**195**	**235**	**275**	**310**	**350**	**390**
		Throw	6	9	11	13	16	18	20	22
		NC	<20	20	25	30	35	40	40	40
14x10	**82.5**	**CFM**	**143.75**	**193.75**	**243.75**	**293.75**	**343.75**	**387.5**	**437.5**	**487.5**
		Throw	7	10	12	14	17	19	21	23
		NC	<20	20	25	30	35	40	40	40
14x14	**127**	**CFM**	**195**	**250**	**325**	**390**	**455**	**520**	**585**	**650**
		Throw	8	11	14	17	20	23	26	28
		NC	<20	25	25	30	30	35	35	40

16x04	**37**	**CFM**		**60**	**80**	**100**	**120**	**140**	**160**	**180**	**200**
		Throw		4	6	7	8	10	11	13	14
		NC	<20		20	25	25	30	30	35	40
16x16	**135**	**CFM**		**280**	**370**	**465**	**550**	**650**	**745**	**835**	**930**
		Throw		6	10	12	14	17	19	21	23
		NC	<20		25	25	30	30	35	35	40
24x08	**126**	**CFM**		**192**	**245**	**320**	**382**	**448**	**512**	**572**	**638**
		Throw		8	11	14	17	20	23	26	28
		NC	<20		25	25	30	30	35	35	40
30x06	**125**	**CFM**		**180**	**220**	**260**	**300**	**360**	**405**	**450**	**490**
		Throw		5.5	7	8.5	10	11	13	14	16
		NC		30	30	30	30	30	30	35	40

Pressure Loss is for registers only and is total of static and velocity measured in inches water gage. Throw is distance in feet to a terminal velocity of 50fpm. Face Jet Velocity is the velocity in feet/minute measured at the face.